

Morbidity and Mortality

Weekly
Report

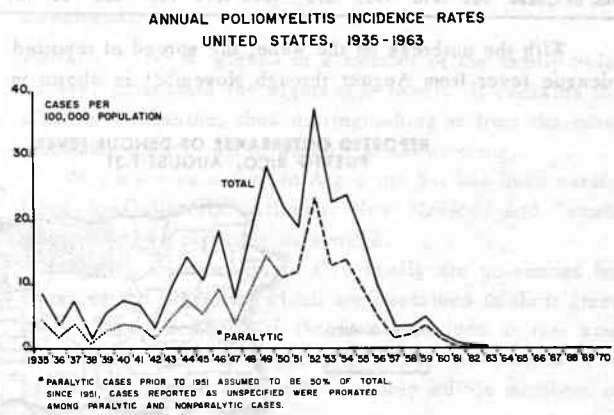
U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE

Prepared by the **COMMUNICABLE DISEASE CENTER** 634-5131

For release January 17, 1964 ATLANTA, GEORGIA 30333 Vol. 13, No. 2
PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON
DEATHS IN SELECTED CITIES FOR WEEK ENDED JANUARY 11, 1964

POLIOMYELITIS - For the second successive week, no cases of paralytic poliomyelitis have been reported in the United States. This marks the first time, since reporting of paralytic status began in 1951, that there has been a two week period in which no paralytic cases were reported.

One case of nonparalytic poliomyelitis was reported for the second week of 1964, ending January 11, the first case of poliomyelitis to be reported this year. According to statistical records available at the Communicable Disease Center, the absence of reported cases during the first week of 1964 represents the first time this has happened since weekly reporting of poliomyelitis began in 1950.



(Continue to page 20)

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
(Cumulative totals include revised and delayed reports through previous weeks)

| Disease | 2nd Week Ended | | Median 1959 - 1963 | Cumulative, First 2 Weeks | | |
|--|---------------------|---------------------|-----------------------|---------------------------|--------|-----------------------|
| | January 11, 1964 | January 12, 1963 | | 1964 | 1963 | Median 1959 - 1963 |
| Aseptic meningitis | 28 | 33 | --- | 45 | 47 | --- |
| Brucellosis | 3 | 3 | 8 | 6 | 6 | 15 |
| Diphtheria | 1 | 9 | 20 | 9 | 12 | 44 |
| Encephalitis, primary infectious .. | 26 | 17 | --- | 37 | 25 | --- |
| Encephalitis, post-infectious | 17 | | --- | 22 | | --- |
| Hepatitis, infectious including serum hepatitis | 758 | 1,093 | 1,093 | 1,356 | 1,784 | 1,784 |
| Measles | 4,824 | 7,675 | 7,675 | 7,762 | 12,497 | 14,527 |
| Meningococcal infections | 47 | 52 | 60 | 80 | 98 | 101 |
| Poliomyelitis, Total | 1 | 6 | 17 | 1 | 7 | 25 |
| Paralytic | - | 5 | 9 | - | 6 | 13 |
| Nonparalytic | 1 | 1 | --- | 1 | 1 | --- |
| Unspecified | - | - | --- | - | - | --- |
| Streptococcal Sore Throat and Scarlet fever | 8,263 | 7,784 | --- | 15,052 | 13,718 | --- |
| Tetanus | 6 | 8 | --- | 8 | 11 | --- |
| Tularemia | 8 | 6 | --- | 17 | 13 | --- |
| Typhoid fever | 6 | 5 | 5 | 8 | 7 | 8 |
| Rabies in Animals | 68 | 64 | 64 | 116 | 106 | 114 |

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

| | Cum. | | Cum. |
|----------------|------|------------------|------|
| Anthrax: | - | Psittacosis: | - |
| Botulism: | - | Rabies in Man: | - |
| Leptospirosis: | - | Smallpox: | - |
| Malaria: | 4 | Typhus- | - |
| Plague: | - | Murine: | - |
| | | Rky Mt. Spotted: | - |

Reports Missing From Pa. and Ky. Due To Weather Conditions

EPIDEMIOLOGICAL REPORTS

Dengue Fever - Puerto Rico

For the two week period ending January 11, 217 cases of dengue were reported to the Puerto Rico Department of Health. Of the 217 cases, 146 were delayed reports. Cases continue to be mild and of short duration. The 56 cases reported during the first week of 1964 and the 161 cases reported during the second week represent a sharp drop in reported cases, as shown below:

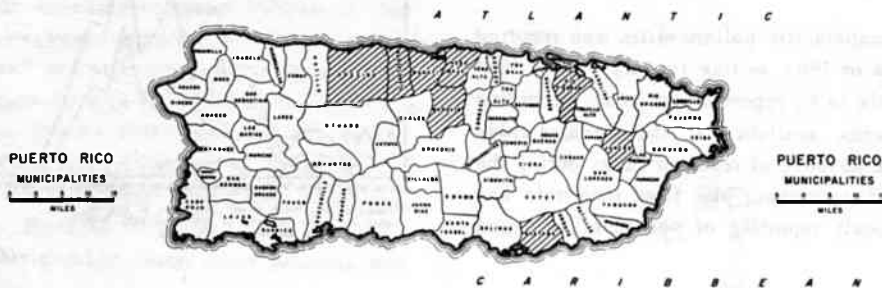
| | | | | | | | | | | |
|--------------|------|-------|-------|-------|------|-------|-------|-------|-----|------|
| Week Ended | 11/9 | 11/16 | 11/23 | 11/30 | 12/7 | 12/14 | 12/21 | 12/28 | 1/4 | 1/11 |
| No. of Cases | 962 | 916 | 1733 | 473 | 1011 | 1278 | 783 | 520 | 56 | 161 |

With the outbreak on the wane, the spread of reported dengue fever from August through November is shown in

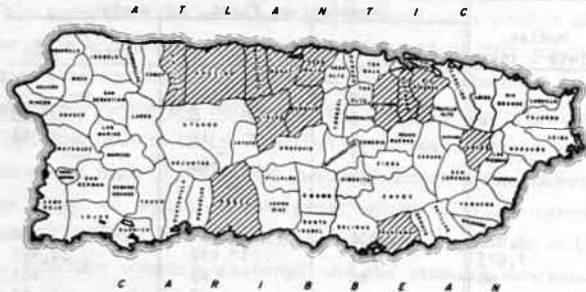
retrospect on this page. The origin of the outbreak is clearly seen in the Manati area on the north central coast during August. During early September, cases appeared in the San Juan metropolitan area and Ponce. By the end of September, cases had been reported from most north central and eastern municipalities. During October and November, additional spread is noted in the southern part of the island with a hint of further spread in the previously free western end of the island.

(Reported by Rafael Timothee, M.D., Director, Preventive Medical Services, Puerto Rico Department of Health, and a team from the Communicable Disease Center).

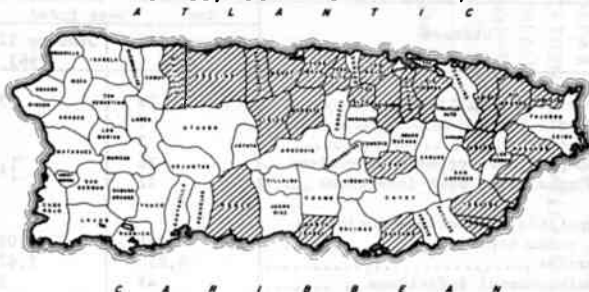
REPORTED OUTBREAKS* OF DENGUE FEVER
PUERTO RICO, AUGUST 1-31



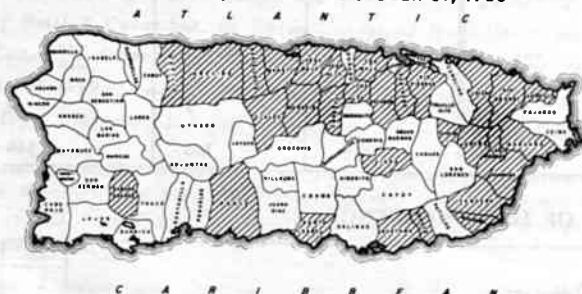
REPORTED OUTBREAKS* OF DENGUE FEVER
PUERTO RICO; AUGUST 1-SEPTEMBER 15, 1963



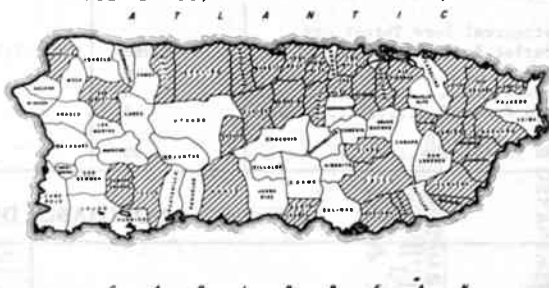
REPORTED OUTBREAKS* OF DENGUE FEVER
PUERTO RICO; AUGUST 1-SEPTEMBER 30, 1963



REPORTED OUTBREAKS* OF DENGUE FEVER
PUERTO RICO; AUGUST 1-OCTOBER 31, 1963



REPORTED OUTBREAKS* OF DENGUE FEVER
PUERTO RICO; AUGUST 1-NOVEMBER 30, 1963



*At least 100 cases officially reported to the Puerto Rico Department of Health.

Nicotiana glauca Poisoning - California

Within 30 minutes after sharing a meal, one Los Angeles woman and two men became ill with symptoms of visual disturbance, headache and weakness. The men experienced nausea and vomiting, also. The woman was taken immediately to her private physician, who stated that, at the time he saw her, her eyes were dilated and that she had no blood pressure. He pronounced her dead. The two men were hospitalized at Los Angeles County General Hospital, overnight.

The meal consisted of roast beef, fried potatoes, and greens (allegedly Texas mustard greens cooked with "poke salad" and pork skins).

Because of the sudden death, Los Angeles City Police Department detectives investigated this case. They found samples of cooked greens in the garbage can and sent them to the coroner's office. A sample of these cooked greens, submitted to the State Department of Agriculture, revealed not only mustard greens but *Nicotiana glauca* as well.

Upon further investigation, one of the victims' father (who did not eat the suspected meal) was asked to describe "poke salad". The father identified a plant growing in his neighbor's yard, which was described by a Department of Agriculture expert as "poke weed" (*Phytolacca americana*). He was also shown a specimen of *N. glauca* (tree tobacco leaves), which were also growing in the

vicinity of the house. He stated positively that he had seen these leaves and not "poke weed" on the back porch next to the Texas mustard greens, which had been purchased at a local market. It was not certain whether the deceased, who cooked the meal, picked the tree tobacco or was given the leaves by a well-meaning, but misguided friend.

At autopsy, coronary arteriosclerosis was present, but was not suspected as the immediate cause of death. (Reported by Dr. Philip K. Condit, Chief, Bureau of Communicable Diseases, California State Department of Health, and F. A. Listick, Sanitarian, Los Angeles City Health Department.)

Editor's Note: *N. glauca* is a member of the family Solanaceae, nicknamed the nightshade family. It contains the alkaloid anabasine, thus distinguishing it from the other nicotiana plants, all of which contain nicotine.

N. glauca is native to Argentina but has been naturalized in California, Arizona, New Mexico, and Texas, where it grows primarily as a weed.

Nearly all members of this family are poisonous because of the alkaloids which are contained in their green parts. Other members of the family include *Datura stramonium*, the jimson weed, and *Atropa belladonna*. The potato and tomato are about the only edible members of this family.

(Continue to page 20)

The Mortality Chart Series is continued as a linear projection of the 1960-63 charts. As noted in MMWR Vol. 11, No. 1, for the week ended January 6, 1962 the smooth curve represents the expected number of weekly deaths, calculated as a projection of 1954-61 experience. Two components, seasonal change and secular trend are included. Differences between recorded and expected deaths may thus reflect deviations from normal seasonal levels or a departure from the secular trend of 1954-61. The most striking departures from seasonal expectancy are those associated with influenza epidemics as noted on the chart. Similar projections have been made for the charts on Total Deaths, Deaths Under 1 Year of Age, and Deaths at Age 65 or Over. These will be presented weekly in that sequence. The method for computation of expected levels is described in Serfling, R. E. *Methods for Current Statistical Analysis of Excess Pneumonia-Influenza Deaths*. Public Health Reports. 78(6):494-504. June 1963.

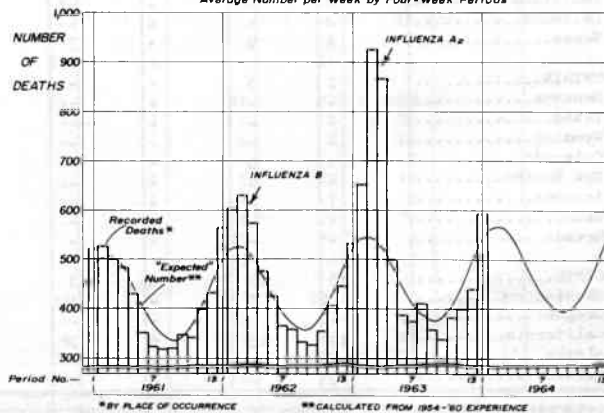
SUMMARY OF PNEUMONIA AND INFLUENZA DEATHS IN 108 U.S. CITIES FOR WEEK ENDING JANUARY 11, 1964

The weekly average number of pneumonia-influenza deaths for the four-week period ending January 11, 1964 was 593 as compared with an expected weekly average of 543.

PNEUMONIA-INFLUENZA DEATHS IN 108 CITIES

| | Week Ending | | | | 4 Week Total | Weekly Average |
|----------|-------------|-------|-----|------|--------------|----------------|
| | 12/21 | 12/28 | 1/4 | 1/11 | | |
| Observed | 491 | 529 | 620 | 732 | 2,372 | 593 |
| Expected | 531 | 540 | 548 | 554 | 2,173 | 543 |
| Excess | - 40 | - 11 | 72 | 178 | 199 | 50 |

PNEUMONIA-INFLUENZA DEATHS in 108 U.S. CITIES
Average Number per Week by Four-Week Periods



(See Table, page 19)

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Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED

JANUARY 11, 1964 AND JANUARY 12, 1963 (2nd WEEK) - Continued

| Area | Brucellosis | | Diphtheria | | Infectious Hepatitis including Serum Hepatitis | | | | | | Typhoid Fever | |
|-------------------------|-------------|------|------------|------|---|-------------------|----------------------|----------------|------------|-------|---------------|------|
| | 1964 | Cum. | 1964 | Cum. | Total | Under 20 years | 20 years and over | Age Unknown | Cumulative | | 1964 | Cum. |
| | | 1964 | | 1964 | 1964 | 1964 | 1964 | 1964 | 1964 | 1964 | | 1963 |
| UNITED STATES... | 3 | 6 | 1 | 9 | 758 | 358 | 336 | 64 | 1,356 | 1,784 | 6 | 8 |
| NEW ENGLAND..... | - | - | - | 1 | 123 | 71 | 46 | 6 | 214 | 261 | - | - |
| Maine..... | - | - | - | - | 44 | 24 | 20 | - | 84 | 127 | - | - |
| New Hampshire..... | - | - | - | - | 19 | 12 | 5 | 2 | 32 | 21 | - | - |
| Vermont..... | - | - | - | - | 18 | 13 | 3 | 2 | 26 | 7 | - | - |
| Massachusetts..... | - | - | - | 1 | 21 | 14 | 5 | 2 | 38 | 80 | - | - |
| Rhode Island..... | - | - | - | - | 2 | - | 2 | - | 5 | 15 | - | - |
| Connecticut..... | - | - | - | - | 19 | 8 | 11 | - | 29 | 11 | - | - |
| MIDDLE ATLANTIC..... | - | - | - | 3 | 137 | 52 | 85 | - | 310 | 365 | 1 | 1 |
| New York City..... | - | - | - | 1 | 31 | 11 | 20 | - | 58 | 41 | - | - |
| New York, Up-State..... | - | - | - | - | 79 | 38 | 41 | - | 178 | 154 | 1 | 1 |
| New Jersey..... | - | - | - | 2 | 27 | 3 | 24 | - | 40 | 40 | - | - |
| Pennsylvania..... | - | - | - | - | - | - | - | - | 34 | 130 | - | - |
| EAST NORTH CENTRAL... | - | - | - | - | 134 | 70 | 55 | 9 | 167 | 216 | 1 | 1 |
| Ohio..... | - | - | - | - | 64 | 31 | 26 | 7 | 84 | 51 | 1 | 1 |
| Indiana..... | - | - | - | - | 8 | 6 | 2 | - | 8 | 8 | - | - |
| Illinois..... | - | - | - | - | 7 | 2 | 5 | - | 8 | 22 | - | - |
| Michigan..... | - | - | - | - | 52 | 30 | 22 | - | 55 | 120 | - | - |
| Wisconsin..... | - | - | - | - | 3 | 1 | - | 2 | 12 | 15 | - | - |
| WEST NORTH CENTRAL... | 2 | 4 | - | 4 | 60 | 39 | 11 | 10 | 96 | 85 | - | - |
| Minnesota..... | - | - | - | - | 3 | - | 2 | 1 | 3 | 16 | - | - |
| Iowa..... | 1 | 1 | - | - | 7 | 4 | 3 | - | 16 | 13 | - | - |
| Missouri..... | 1 | 3 | - | - | 11 | 5 | 4 | 2 | 15 | 35 | - | - |
| North Dakota..... | - | - | - | - | 1 | 1 | - | - | 1 | 3 | - | - |
| South Dakota..... | - | - | - | - | 1 | - | 1 | - | 8 | 4 | - | - |
| Nebraska..... | - | - | - | - | 1 | - | 1 | - | 7 | 6 | - | - |
| Kansas..... | - | - | - | 4 | 36 | 29 | - | 7 | 46 | 8 | - | - |
| SOUTH ATLANTIC..... | - | - | 1 | 1 | 62 | 25 | 32 | 5 | 98 | 250 | 3 | 4 |
| Delaware..... | - | - | - | - | - | - | - | - | - | 3 | - | - |
| Maryland..... | - | - | - | - | 5 | 2 | 1 | 2 | 11 | 30 | - | - |
| Dist. of Columbia..... | - | - | - | - | 1 | 1 | - | - | 2 | 7 | - | - |
| Virginia..... | - | - | - | - | 8 | 4 | 4 | - | 12 | 74 | - | - |
| West Virginia..... | - | - | - | - | 2 | 1 | 1 | - | 2 | 42 | - | - |
| North Carolina..... | - | - | - | - | 13 | 8 | 5 | - | 18 | 64 | 2 | 2 |
| South Carolina..... | - | - | - | - | 4 | 1 | 2 | 1 | 4 | 10 | - | 1 |
| Georgia..... | - | - | - | - | 4 | 2 | 2 | - | 4 | 1 | - | - |
| Florida..... | - | - | 1 | 1 | 25 | 6 | 17 | 2 | 45 | 19 | 1 | 1 |
| EAST SOUTH CENTRAL... | - | - | - | - | 34 | 22 | 12 | - | 68 | 194 | - | 1 |
| Kentucky..... | - | - | - | - | - | - | - | - | 12 | 71 | - | - |
| Tennessee..... | - | - | - | - | 18 | 14 | 4 | - | 32 | 73 | - | 1 |
| Alabama..... | - | - | - | - | 12 | 6 | 6 | - | 19 | 28 | - | - |
| Mississippi..... | - | - | - | - | 4 | 2 | 2 | - | 5 | 22 | - | - |
| WEST SOUTH CENTRAL... | 1 | 1 | - | - | 43 | 26 | 17 | - | 75 | 117 | - | - |
| Arkansas..... | 1 | 1 | - | - | 5 | 5 | - | - | 10 | 15 | - | - |
| Louisiana..... | - | - | - | - | 3 | - | 3 | - | 6 | 12 | - | - |
| Oklahoma..... | - | - | - | - | - | - | - | - | 2 | 4 | - | - |
| Texas..... | - | - | - | - | 35 | 21 | 14 | - | 57 | 86 | - | - |
| MOUNTAIN..... | - | 1 | - | - | 55 | 18 | 6 | 31 | 92 | 110 | - | - |
| Montana..... | - | - | - | - | 10 | 7 | 3 | - | 11 | 27 | - | - |
| Idaho..... | - | - | - | - | 4 | - | - | 4 | 6 | 14 | - | - |
| Wyoming..... | - | - | - | - | - | - | - | - | - | 2 | - | - |
| Colorado..... | - | - | - | - | 11 | 4 | 2 | 5 | 19 | 19 | - | - |
| New Mexico..... | - | - | - | - | 8 | 7 | 1 | - | 11 | 8 | - | - |
| Arizona..... | - | - | - | - | 8 | - | - | 8 | 23 | 29 | - | - |
| Utah..... | - | 1 | - | - | 13 | - | - | 13 | 20 | 8 | - | - |
| Nevada..... | - | - | - | - | 1 | - | - | 1 | 2 | 3 | - | - |
| PACIFIC..... | - | - | - | - | 110 | 35 | 72 | 3 | 236 | 186 | 1 | 1 |
| Washington..... | - | - | - | - | 4 | - | 4 | - | 31 | 20 | - | - |
| Oregon..... | - | - | - | - | 10 | 4 | 5 | 1 | 18 | 45 | - | - |
| California..... | - | - | - | - | 91 | 30 | 61 | - | 169 | 115 | 1 | 1 |
| Alaska..... | - | - | - | - | 4 | 1 | 1 | 2 | 13 | 6 | - | - |
| Hawaii..... | - | - | - | - | 1 | - | 1 | - | 5 | - | - | - |
| Puerto Rico | - | - | - | - | - | - | - | - | - | 7 | - | - |

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Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED

JANUARY 11, 1964 AND JANUARY 12, 1963 (2nd WEEK) - Continued

| Area | Measles | Meningococcal | | Streptococcal | | Tetanus | | Tularemia | | Rabies in | | |
|-------------------------|---------|---------------|------------|----------------------------------|-------|---------|------|-----------|------|-----------|------|------|
| | | Meningitis | | Sore Throat and Scarlet Fever | | | | | | Animals | | |
| | | | Cumulative | | | | Cum. | | Cum. | | Cum. | |
| | 1964 | 1964 | 1964 | 1963 | 1964 | 1963 | 1964 | 1964 | 1964 | 1964 | 1964 | 1964 |
| UNITED STATES... | 4,824 | 47 | 80 | 98 | 8,263 | 7,784 | 6 | 8 | 8 | 17 | 68 | 116 |
| NEW ENGLAND..... | 314 | 3 | 5 | 13 | 683 | 818 | - | - | - | - | - | - |
| Maine..... | 25 | - | - | 2 | 42 | 84 | - | - | - | - | - | - |
| New Hampshire..... | 2 | - | - | - | 4 | 4 | - | - | - | - | - | - |
| Vermont..... | 85 | - | - | 1 | 6 | 25 | - | - | - | - | - | - |
| Massachusetts..... | 67 | - | 1 | 3 | 86 | 115 | - | - | - | - | - | - |
| Rhode Island..... | 9 | - | - | 3 | 81 | 126 | - | - | - | - | - | - |
| Connecticut..... | 126 | 3 | 4 | 4 | 464 | 464 | - | - | - | - | - | - |
| MIDDLE ATLANTIC..... | 811 | 5 | 10 | 8 | 261 | 376 | - | - | - | - | 2 | 4 |
| New York City..... | 421 | 1 | 2 | 3 | 36 | 43 | - | - | - | - | - | - |
| New York, Up-State..... | 113 | 4 | 6 | 1 | 201 | 173 | - | - | - | - | 2 | 3 |
| New Jersey..... | 277 | - | 1 | - | 24 | 80 | - | - | - | - | - | - |
| Pennsylvania..... | --- | --- | 1 | 4 | --- | 80 | --- | --- | --- | --- | --- | 1 |
| EAST NORTH CENTRAL... | 1,094 | 4 | 4 | 15 | 650 | 568 | 2 | 2 | - | 1 | 8 | 12 |
| Ohio..... | 96 | 2 | 2 | 4 | 121 | - | 1 | 1 | - | - | 4 | 7 |
| Indiana..... | 203 | 2 | 2 | 3 | 101 | 84 | - | - | - | - | - | 1 |
| Illinois..... | 505 | - | - | 2 | 84 | 101 | 1 | 1 | - | - | 2 | 2 |
| Michigan..... | 233 | - | - | 2 | 228 | 238 | - | - | - | - | 2 | 2 |
| Wisconsin..... | 57 | - | - | 4 | 116 | 145 | - | - | - | 1 | - | - |
| WEST NORTH CENTRAL... | 165 | 1 | 1 | 3 | 302 | 226 | - | - | 4 | 7 | 27 | 41 |
| Minnesota..... | 1 | - | - | - | 2 | 10 | - | - | - | - | 5 | 5 |
| Iowa..... | 28 | - | - | - | 93 | 65 | - | - | - | - | 10 | 15 |
| Missouri..... | 18 | - | - | 1 | 20 | 10 | - | - | 2 | 5 | 6 | 10 |
| North Dakota..... | 116 | 1 | 1 | - | 111 | 95 | - | - | - | - | 2 | 3 |
| South Dakota..... | 2 | - | - | 1 | 8 | 2 | - | - | - | - | 3 | 7 |
| Nebraska..... | - | - | - | 1 | - | - | - | - | - | - | 1 | 1 |
| Kansas..... | - | - | - | - | 68 | 44 | - | - | 2 | 2 | - | - |
| SOUTH ATLANTIC..... | 685 | 15 | 21 | 28 | 1,107 | 921 | 1 | 3 | 2 | 2 | 13 | 19 |
| Delaware..... | 11 | - | - | - | 4 | 11 | - | - | - | - | - | - |
| Maryland..... | 148 | 1 | 1 | 4 | 23 | 25 | - | - | - | - | - | - |
| Dist. of Columbia.. | 10 | - | - | 1 | 7 | - | - | - | - | - | - | - |
| Virginia..... | 196 | 1 | 1 | 7 | 445 | 248 | - | - | 2 | 2 | 8 | 14 |
| West Virginia..... | 250 | 3 | 3 | 3 | 188 | 287 | - | - | - | - | - | - |
| North Carolina..... | 19 | 2 | 3 | 4 | 34 | 89 | 1 | 2 | - | - | 1 | 1 |
| South Carolina..... | 18 | 5 | 7 | 1 | 63 | 72 | - | - | - | - | - | - |
| Georgia..... | 4 | 1 | 1 | - | 1 | 1 | - | - | - | - | - | - |
| Florida..... | 29 | 2 | 5 | 8 | 342 | 188 | - | 1 | - | - | 4 | 4 |
| EAST SOUTH CENTRAL... | 436 | 6 | 9 | 5 | 1,493 | 1,001 | 1 | 1 | 2 | 5 | 9 | 23 |
| Kentucky..... | --- | --- | 2 | 2 | --- | 150 | --- | --- | --- | --- | --- | 5 |
| Tennessee..... | 412 | 4 | 5 | 3 | 1,398 | 788 | - | - | 2 | 4 | 9 | 17 |
| Alabama..... | 11 | 2 | 2 | - | 26 | 2 | 1 | 1 | - | 1 | - | 1 |
| Mississippi..... | 13 | - | - | - | 69 | 61 | - | - | - | - | - | - |
| WEST SOUTH CENTRAL... | - | 2 | 6 | 10 | 964 | 931 | - | - | - | 2 | 9 | 16 |
| Arkansas..... | - | - | 1 | - | 2 | 5 | - | - | - | - | 2 | 6 |
| Louisiana..... | - | 2 | 3 | 2 | 11 | 5 | - | - | - | - | - | - |
| Oklahoma..... | - | - | 2 | 1 | 19 | 7 | - | - | - | 2 | 2 | 2 |
| Texas..... | - | - | - | 7 | 932 | 914 | - | - | - | - | 5 | 8 |
| MOUNTAIN..... | 307 | 4 | 9 | 4 | 1,749 | 1,547 | - | - | - | - | - | - |
| Montana..... | 124 | - | - | - | 64 | 33 | - | - | - | - | - | - |
| Idaho..... | 29 | - | 1 | - | 69 | 150 | - | - | - | - | - | - |
| Wyoming..... | 6 | - | - | - | 12 | 95 | - | - | - | - | - | - |
| Colorado..... | 30 | 1 | 3 | 2 | 488 | 565 | - | - | - | - | - | - |
| New Mexico..... | 1 | 3 | 5 | - | 650 | 370 | - | - | - | - | - | - |
| Arizona..... | 70 | - | - | 1 | 203 | 201 | - | - | - | - | - | - |
| Utah..... | 47 | - | - | 1 | 262 | 133 | - | - | - | - | - | - |
| Nevada..... | - | - | - | - | 1 | - | - | - | - | - | - | - |
| PACIFIC..... | 1,012 | 7 | 15 | 12 | 1,054 | 1,396 | 2 | 2 | - | - | - | 1 |
| Washington..... | 457 | - | 1 | - | 263 | 426 | - | - | - | - | - | - |
| Oregon..... | 178 | - | - | 1 | 18 | 20 | - | - | - | - | - | - |
| California..... | 305 | 7 | 14 | 9 | 694 | 854 | 2 | 2 | - | - | - | 1 |
| Alaska..... | 61 | - | - | 2 | 42 | 27 | - | - | - | - | - | - |
| Hawaii..... | 11 | - | - | - | 37 | 69 | - | - | - | - | - | - |
| Puerto Rico | 70 | - | - | - | 4 | - | - | - | - | - | - | - |

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Table 4 (B). REPORTED PNEUMONIA-INFLUENZA DEATHS IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.)^o

| Area | For weeks ending | | | | Area | For weeks ending | | | |
|----------------------------|------------------|----------|--------|---------|----------------------------|------------------|----------|--------|---------|
| | 12/21/63 | 12/28/63 | 1/4/64 | 1/11/64 | | 12/21/63 | 12/28/63 | 1/4/64 | 1/11/64 |
| NEW ENGLAND: | | | | | SOUTH ATLANTIC: | | | | |
| Boston, Mass..... | 6 | 2 | 16 | 20 | Atlanta, Ga..... | 8 | 5 | 4 | 13 |
| Bridgeport, Conn..... | 5 | 4 | 3 | 6 | Baltimore, Md..... | 4 | 7 | 12 | 9 |
| Cambridge, Mass..... | 5 | 3 | 8 | 7 | Charlotte, N.C..... | 1 | - | 3 | 3 |
| Fall River, Mass..... | 1 | 1 | 1 | 1 | Jacksonville, Fla..... | - | - | 5 | 1 |
| Hartford, Conn..... | 1 | 1 | 1 | 3 | Miami, Fla..... | - | 1 | 1 | - |
| Lowell, Mass..... | 1 | 4 | 2 | 2 | Norfolk, Va..... | 4 | 3 | 5 | 9 |
| Lynn, Mass..... | - | 3 | 4 | 2* | Richmond, Va..... | 2 | 6 | 5 | 3 |
| New Bedford, Mass..... | 2 | 1 | 2 | 1 | Savannah, Ga..... | 2 | 5 | 2 | 5 |
| New Haven, Conn..... | - | 2 | 1 | 1 | St. Petersburg, Fla..... | 9 | 7 | 13 | 3 |
| Providence, R.I..... | 2 | 2 | 6 | 2 | Tampa, Fla..... | 9 | 6 | 8 | 12 |
| Somerville, Mass..... | 1 | - | 1 | 3 | Washington, D.C..... | 5 | 15 | 16 | 16 |
| Springfield, Mass..... | 5 | 6 | 5 | 7 | Wilmington, Del..... | - | 2 | 4 | 4 |
| Waterbury, Conn..... | 2 | 3 | 1 | 1 | | | | | |
| Worcester, Mass..... | 3 | 2 | 5 | 6 | EAST SOUTH CENTRAL: | | | | |
| MIDDLE ATLANTIC: | | | | | Birmingham, Ala..... | 1 | 1 | 6 | 4 |
| Albany, N.Y..... | 1 | 2 | - | 1 | Chattanooga, Tenn..... | 4 | 3 | 2 | 8 |
| Allentown, Pa..... | 1 | 2 | 2 | 3 | Knoxville, Tenn..... | 3 | - | 2 | 6 |
| Buffalo, N.Y..... | 5 | 7 | 8 | 10 | Louisville, Ky..... | 13 | 6 | 6 | 24 |
| Camden, N.J..... | 4 | 4 | 4 | 4 | Memphis, Tenn..... | 12 | 1 | 8 | 13 |
| Elizabeth, N.J..... | 1 | 1 | - | 1 | Mobile, Ala..... | 2 | 2 | 1 | 2 |
| Erie, Pa..... | 2 | 5 | 2 | 4 | Montgomery, Ala..... | 3 | 4 | - | 4 |
| Jersey City, N.J..... | 2 | 5 | 2 | 4 | Nashville, Tenn..... | 12 | 5 | 6 | 16 |
| Newark, N.J..... | 3 | 2 | 4 | 6 | WEST SOUTH CENTRAL: | | | | |
| New York City, N.Y..... | 67 | 67 | 82 | 87 | Austin, Tex..... | 4 | 5 | 8 | 8 |
| Paterson, N.J..... | - | 6 | 1 | 9 | Baton Rouge, La..... | 2 | 2 | 1 | 8 |
| Philadelphia, Pa..... | 18 | 12 | 15 | 15 | Corpus Christi, Tex..... | - | 2 | 1 | 4 |
| Pittsburgh, Pa..... | 5 | 3 | 5 | 5 | Dallas, Tex..... | 6 | 9 | 5 | 12 |
| Reading, Pa..... | 7 | 7 | 12 | 6 | El Paso, Tex..... | - | 1 | 2 | 2 |
| Rochester, N.Y..... | 9 | 10 | 8 | 10 | Fort Worth, Tex..... | 1 | 1 | 2 | 4 |
| Schenectady, N.Y..... | 1 | 1 | - | 2 | Houston, Tex..... | 2 | 3 | 7 | 9 |
| Scranton, Pa..... | 2 | 1 | 5 | 3 | Little Rock, Ark..... | 3 | 3 | 4 | 7 |
| Syracuse, N.Y..... | - | 2 | 1 | 1 | New Orleans, La..... | 5 | 8 | 6 | 6 |
| Trenton, N.J..... | 3 | 4 | 10 | 2 | Oklahoma City, Okla..... | 1 | - | 1 | 6 |
| Utica, N.Y..... | 2 | 3 | 4 | 3 | San Antonio, Tex..... | 6 | 9 | 8 | 10 |
| Yonkers, N.Y..... | 1 | 3 | - | 3 | Shreveport, La..... | 3 | 2 | 8 | 6 |
| EAST NORTH CENTRAL: | | | | | Tulsa, Okla..... | 2 | 9 | 2 | 3 |
| Akron, Ohio..... | 1 | 2 | 1 | - | MOUNTAIN: | | | | |
| Canton, Ohio..... | 7 | 4 | 6 | 4 | Albuquerque, N. Mex..... | 6 | 5 | 2 | 1 |
| Chicago, Ill..... | 44 | 50 | 55 | 49 | Colorado Springs, Colo... | 2 | 4 | 4 | 4 |
| Cincinnati, Ohio..... | 3 | 3 | 5 | 6 | Denver, Colo..... | 5 | 4 | 8 | 6 |
| Cleveland, Ohio..... | 4 | 1 | - | 4 | Ogden, Utah..... | 2 | 1 | - | 2 |
| Columbus, Ohio..... | 6 | 6 | 5 | 8 | Phoenix, Ariz..... | 2 | 4 | 9 | 9 |
| Dayton, Ohio..... | 2 | 4 | 2 | 1 | Pueblo, Colo..... | 1 | - | 4 | - |
| Detroit, Mich..... | 18 | 29 | 20 | 17 | Salt Lake City, Utah..... | 5 | 2 | 3 | 4 |
| Evansville, Ind..... | 3 | 3 | 5 | 7 | Tucson, Ariz..... | - | 1 | 4 | 1 |
| Flint, Mich..... | 5 | 8 | 4 | 3 | PACIFIC: | | | | |
| Fort Wayne, Ind..... | 6 | 8 | 5 | 4 | Berkeley, Calif..... | - | 2 | - | 1 |
| Gary, Ind..... | 3 | 4 | 3 | 1 | Fresno, Calif..... | 3 | 3 | 3 | - |
| Grand Rapids, Mich..... | 6 | 3 | 6 | 3 | Glendale, Calif..... | - | - | 1 | - |
| Indianapolis, Ind..... | 3 | 5 | 10 | 4 | Honolulu, Hawaii..... | 3 | - | 3 | - |
| Madison, Wis..... | - | - | - | - | Long Beach, Calif..... | 3 | 1 | 1 | - |
| Milwaukee, Wis..... | 2 | 7 | 3 | 5 | Los Angeles, Calif..... | 15 | 11 | 24 | 17 |
| Peoria, Ill..... | 1 | - | - | 2 | Oakland, Calif..... | 2 | 8 | 3 | 5 |
| Rockford, Ill..... | 5 | 8 | 5 | 7 | Pasadena, Calif..... | - | - | 1 | 1 |
| South Bend, Ind..... | 3 | 1 | 4 | 3 | Portland, Ore..... | 3 | 4 | 3 | 4 |
| Toledo, Ohio..... | 3 | 5 | 6 | 2 | Sacramento, Calif..... | 3 | 1 | 4 | 2 |
| Youngstown, Ohio..... | 3 | - | - | 3 | San Diego, Calif..... | 3 | 2 | 2 | 3 |
| WEST NORTH CENTRAL: | | | | | San Francisco, Calif..... | 4 | 6 | 5 | 6 |
| Des Moines, Iowa..... | 2 | 2 | 4 | 6 | San Jose, Calif..... | 4 | 1 | 8 | 5 |
| Duluth, Minn..... | 2 | - | - | -* | Seattle, Wash..... | 4 | 4 | 6 | 9 |
| Kansas City, Kans..... | 4 | 4 | 3 | 8 | Spokane, Wash..... | 1 | 2 | - | 1 |
| Kansas City, Mo..... | 8 | 5 | 8 | 8 | Tacoma, Wash..... | 2 | 3 | 1 | - |
| Lincoln, Nebr..... | 1 | - | 1 | 2 | | | | | |
| Minneapolis, Minn..... | 3 | 3 | 9 | 4 | San Juan, P.R..... | (---) | (---) | (---) | (---) |
| Omaha, Nebr..... | 2 | 6 | 7 | 22 | | | | | |
| St. Louis, Mo..... | 9 | 3 | 13 | 20 | | | | | |
| St. Paul, Minn..... | - | 10 | 4 | 3 | | | | | |
| Wichita, Kans..... | 2 | - | 5 | - | | | | | |

^oCurrent Week Mortality for 108 Selected Cities

| | |
|---|--------|
| 4(A) Total Mortality, all ages..... | 13,848 |
| 4(B) Pneumonia-Influenza Deaths, all ages..... | 732 |
| 4(C) Total Deaths under 1 Year of Age..... | 885 |
| 4(D) Total Deaths, Persons 65 years and over..... | 7,837 |

*Estimate - based on average percent of divisional total.
Totals for previous weeks include reported corrections.

NOTE: All deaths by place of occurrence.

POLIOMYELITIS (Continued from front page)

The preliminary total of 431 cases reported in 1963 marks the lowest number of cases ever to be reported in any one year since reporting began in 1912, and is less than one-half the 910 cases reported in 1962, the previous low. Annual poliomyelitis incidence rates are presented for the years 1935-1963 in the figure (front page). The peak year of 1952 yielded an attack rate of 37.2 per 100,000 population. The preliminary total for 1963 shows an attack rate of 0.2 per 100,000.

Nicotiana glauca Poisoning (Continued from page 15)

N. glauca has been implicated in cattle poisoning on several occasions in California.

Anabasine is an isomer of nicotine, and is identical with synthetic neonicotine, according to Sollman's "Manual of Pharmacology," 18th Edition, p. 457. Like nicotine, it first stimulates, then depresses the autonomic ganglia. It has about one-fifth to one-third the potency of nicotine.

INTERNATIONAL NOTES - QUARANTINE MEASURES**Smallpox - Peru**

The 4 cases of suspect smallpox in Peru (See MMWR, Vol. 12, p. 448), were confirmed as smallpox, December 30. No additional cases have been reported.

(Reported by the Division of Foreign Quarantine, U. S. Public Health Service, Washington, D. C.)

Dengue Fever - Jamaica

During the week ended December 14, 50 cases of dengue fever were officially reported in Jamaica, bringing to 1,391 the total number of cases reported in 1963 through that date.

(Reported by Dr. Ruth Puffer, Pan American Health Organization, Washington, D. C.)

Erratum - Due to a typographical error, the index issue dated for release January 3, 1964, containing reports of cases of specified notifiable diseases for the week ended December 28, stated Vol. 12, No. 51. This should have read Vol. 12, No. 52. The 51st issue contained reports for the week ended December 21, with a release date December 27.

The Morbidity and Mortality Weekly Report, with a circulation of 10,500 is published by the Communicable Disease Center, Atlanta, Georgia.

| | |
|------------------------------------|------------------------|
| Chief, Communicable Disease Center | James L. Goddard, M.D. |
| Chief, Epidemiology Branch | A. D. Langmuir, M.D. |
| Chief, Statistics Section | R. E. Serfling, Ph.D. |
| Asst. Chief, Statistics Section | I. L. Sherman, M.S. |
| Chief, Surveillance Section | D. A. Henderson, M.D. |
| Editor, MMWR | L. K. Altman, M.D. |

In addition to the established procedures for reporting morbidity and mortality, the Communicable Disease Center welcomes accounts of interesting outbreaks or cases. Such accounts should be addressed to:

Lawrence K. Altman, M.D., Editor
Morbidity and Mortality Weekly Report
Communicable Disease Center
Atlanta, Georgia 30333

Notes: These provisional data are based on weekly telegrams to the Communicable Disease Center by the individual State health departments.

Symbols: - - - Data not available

+ Quantity zero

Procedures for construction of various mortality curves may be obtained from Statistics Section, Communicable Disease Center, Public Health Service, U. S. Department of Health, Education, and Welfare, Atlanta, Georgia 30333.

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